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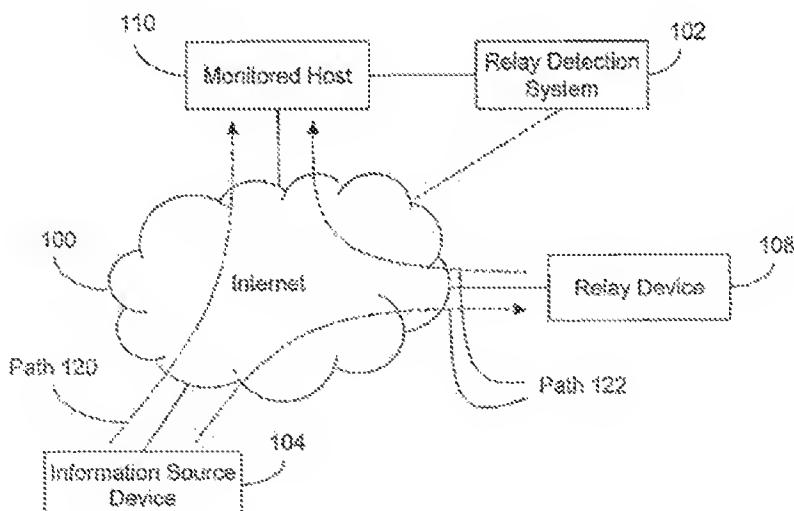
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(57) **Abstract:** Methods, apparatus and computer readable code for determining whether a potential relay device is a relay device are provided herein. In some embodiments, first and second information elements are received from a potential relay device, which is an original source of the second information element. In order to determine whether the potential relay device is a relay device, it is determined whether a feature of an original source of the first information element and a feature of the potential relay device are features unlikely to relate to a single device, wherein a positive result of the determining is indicative that the potential relay device is a relay device. In an exemplary embodiment, a disclosed system includes an information element receiver and a feature incompatibility analyzer. Optionally, the disclosed system includes a feature discovery module, a parameter obtainer and a feature database.

## INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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USPC: 709/233,223

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used):  
EAST, ACM, IEEE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Description of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	US 6,832,253 B1 (Auerbach) 14 December 2004 (14.12.2004), column 11, lines 39-60	1-50
A	US 20020112039 A1 (Ullman) 15 August 2002 (15.08.2002), paragraphs 0141-0142	1-50
A	US 20030036268 A1 (Navas) 06 February 2003 (06.02.2003), paragraph 0023-0123	1-50
A, P	US 2004/0052257 A1 (ABDO et al) 18 March 2004 (18.03.2004), paragraph 0031-2,	1-50
A	HODGES, TOLIB et al. An Architecture for Secure Wide-Area Service Discovery. Wireless Networks, May 2002, Vol 8, Issue 3, pages 229-23.	1-50
A	ARKRD, JARI et al. Securing IPv6 Neighbor and Router Discovery. Proceedings of the 3rd ACM workshop on Wireless Security, 2002, pages 77-86.	1-50

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